

MDCK-SIAT1 | 602281

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|--------------------|------------|------|---------|---|--------|---------|
| Description | MDCK-SIAT1 | 2,6- | (SIAT1) | - | (MDCK) | . |
| | MDCK-SIAT1 | | (NAI) | | | . -2,6- |

Organism

Tissue

Breed/Subspecies

Age

Gender

Morphology

Growth properties

| | | |
|-----------------|-------------|---------|
| Citation | MDCK-SIAT1(| 602281) |
|-----------------|-------------|---------|

| | |
|------------------------|---|
| Biosafety level | 2 |
|------------------------|---|

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|-------------------|------|
| NCBI_TaxID | 9615 |
|-------------------|------|

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|-----------------------------|-----------|
| CellosaurusAccession | CVCL_Z936 |
|-----------------------------|-----------|

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|-------------------|---------|--------------|------|---------|------------|
| GMO Status | GMO-S1: | (MDCK-SIAT1) | 2,6- | (SIAT1) | pcDNA3.1GS |
|-------------------|---------|--------------|------|---------|------------|

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|---------------------------|-----|---|-------|-------------------|
| Protein expression | ST6 | - | -2,6- | 1(ST6GAL1, SIAT1) |
|---------------------------|-----|---|-------|-------------------|

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Culture Medium DMEM, w: 4.5g/L , w: 4mM L- , w: 3.7g/L NaHCO3, w: 1.0mM (820300a)

Supplements 10% FBS 1mg/ml G418

Dissociation Reagent

Doubling time 21~31

Subculturing PBS . T25 3~5ml, T75 5~10ml PBS . T25

Seeding density $2\sim4 \times 10^4$ /cm²

Fluid renewal 2~3

Freeze medium (FBS) + 10% DMSO , CM-1(Cytion 800100)

Thawing and Culturing Cells

1. .
2. -150°C , 3 .
3. 37°C 40~60 .
4. , 70% .
5. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

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Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78°C

Shipping Conditions -78°C

Storage Conditions -150°C -196°C .80°C

/ / HLA

Sterility PCR